

SEQUENCE LISTING

<110> Zauderer, Maurice

Smith, Ernest S.

<120> Targeted Vaccine Delivery Systems

<130> 1821.0020001

<150> US 60/196,472

<151> 2000-04-12

<160> 63

<170> PatentIn version 3.0

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<223> Spacer

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Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly  
20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly  
35 40 45

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
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<223> Spacer

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gtgcagcggc gagtcacaa agaagaacat gtgac

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gag gag gtc gag ccg ggc agt ggg gtc cgc atc gtg gtg gag tac tgt	96
Glu Glu Val Glu Pro Gly Ser Gly Val Arg Ile Val Val Glu Tyr Cys	
20 25 30	

gaa ccc tgc ggc ttc gag ggc acc tac ctg gag ctg gcc agt gct gtg	144
Glu Pro Cys Gly Phe Glu Ala Thr Tyr Leu Glu Leu Ala Ser Ala Val	
35 40 45	

aag gag cag tat ccg ggc atc gag atc gag tcc cgc ctg ggg ggc aca	192
Lys Glu Gln Tyr Pro Gly Ile Glu Ile Glu Ser Arg Leu Gly Gly Thr	
50 55 60	

ggt gcc ttt gag ata gag ata aat gga cag ctg gtg ttc tcc aag ctg	240
Gly Ala Phe Glu Ile Glu Ile Asn Gly Gln Leu Val Phe Ser Lys Leu	
65 70 75 80	

gag aat ggg ggc ttt ccc tat gag aaa gat ctg att gag gcc atc cga	288
Glu Asn Gly Gly Phe Pro Tyr Glu Lys Asp Leu Ile Glu Ala Ile Arg	
85 90 95	

aga gcc agt aat gga gaa acc cta gaa aag atc acc aac agc cgt cct	336
Arg Ala Ser Asn Gly Glu Thr Leu Glu Lys Ile Thr Asn Ser Arg Pro	
100 105 110	

ccc tgc gtc atc ctg tga	354
Pro Cys Val Ile Leu	
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Glu Glu Val Glu Pro Gly Ser Gly Val Arg Ile Val Val Glu Tyr Cys  
20 25 30

Glu Pro Cys Gly Phe Glu Ala Thr Tyr Leu Glu Leu Ala Ser Ala Val  
35 40 45

Lys Glu Gln Tyr Pro Gly Ile Glu Ile Glu Ser Arg Leu Gly Gly Thr  
50 55 60

Gly Ala Phe Glu Ile Glu Ile Asn Gly Gln Leu Val Phe Ser Lys Leu  
65 70 75 80

Glu Asn Gly Gly Phe Pro Tyr Glu Lys Asp Leu Ile Glu Ala Ile Arg  
85 90 95

Arg Ala Ser Asn Gly Glu Thr Leu Glu Lys Ile Thr Asn Ser Arg Pro  
100 105 110

Pro Cys Val Ile Leu  
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<223> ovalbumin 257-264 peptide

<400> 35

Ser Ile Ile Asn Phe Glu Lys Leu  
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<223> Primer

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<223> C35 peptides

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Ser Val Ala Pro Pro Pro Glu Glu Val  
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<223> C35 peptides

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Val Ala Pro Pro Pro Glu Glu Val  
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Glu Val Glu Pro Gly Ser Gly Val  
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Glu Val Glu Pro Gly Ser Gly Val Arg Ile  
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<223> C35 peptides

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Glu Ala Thr Tyr Leu Glu Leu Ala  
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Ala Thr Tyr Leu Glu Leu Ala Ser Ala  
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Ala Thr Tyr Leu Glu Leu Ala Ser Ala Val  
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Tyr Leu Glu Leu Ala Ser Ala Val  
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Ser Ala Val Lys Glu Gln Tyr Pro Gly Ile  
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Ala Val Lys Glu Gln Tyr Pro Gly Ile  
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Gly Ile Glu Ile Glu Ser Arg Leu  
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Glu Ile Glu Ser Arg Leu Gly Gly Thr  
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Arg Leu Gly Gly Thr Gly Ala Phe Glu Ile  
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Gly Thr Gly Ala Phe Glu Ile Glu Ile  
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Glu Ile Glu Ile Asn Gly Gln Leu  
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Glu Ile Glu Ile Asn Gly Gln Leu Val  
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<400> 54

Asp Leu Ile Glu Ala Ile Arg Arg Ala



1 5

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Leu Ile Glu Ala Ile Arg Arg Ala  
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<210> 56

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<223> C35 peptides

<400> 56

Ala Ile Arg Arg Ala Ser Asn Gly Glu Thr  
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Lys Ile Thr Asn Ser Arg Pro Pro Cys Val  
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Ile Thr Asn Ser Arg Pro Pro Cys Val  
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Glu Pro Cys Gly Phe Glu Ala Thr Tyr  
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Ala Ser Asn Gly Glu Thr Leu Glu Lys  
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